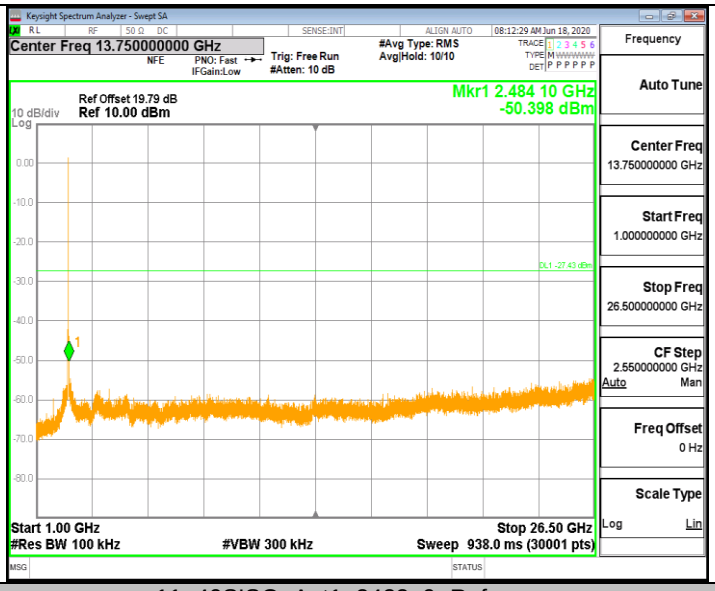

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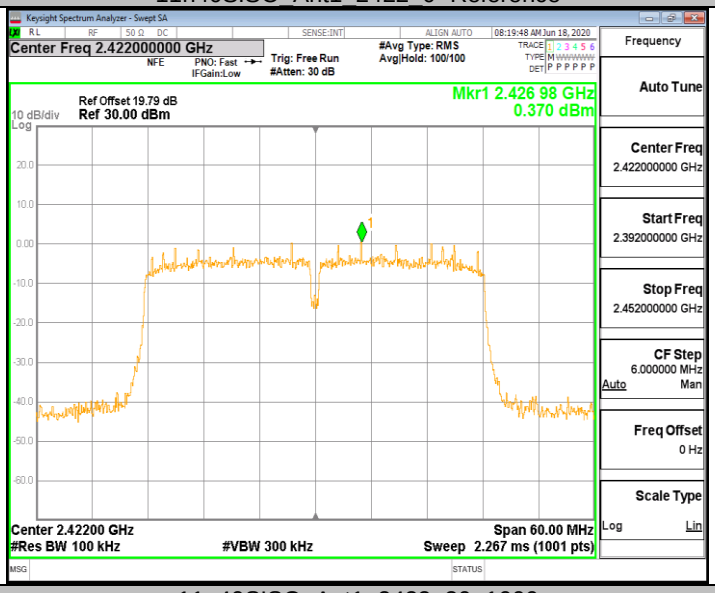

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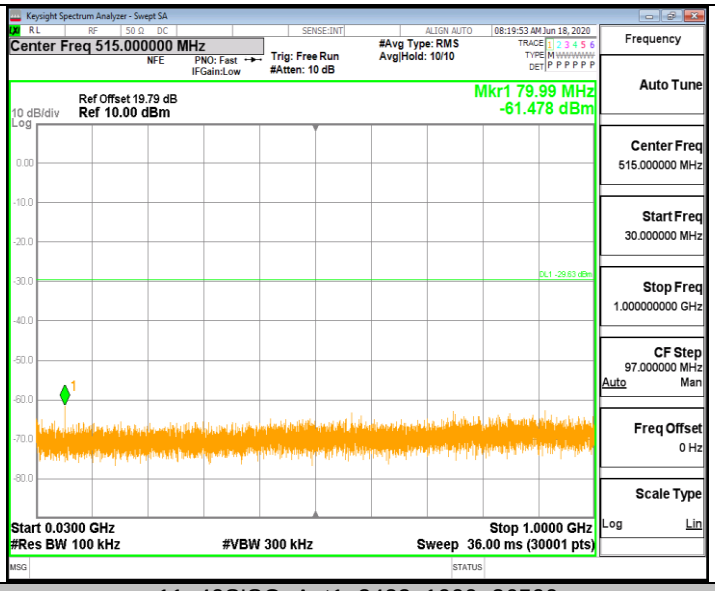

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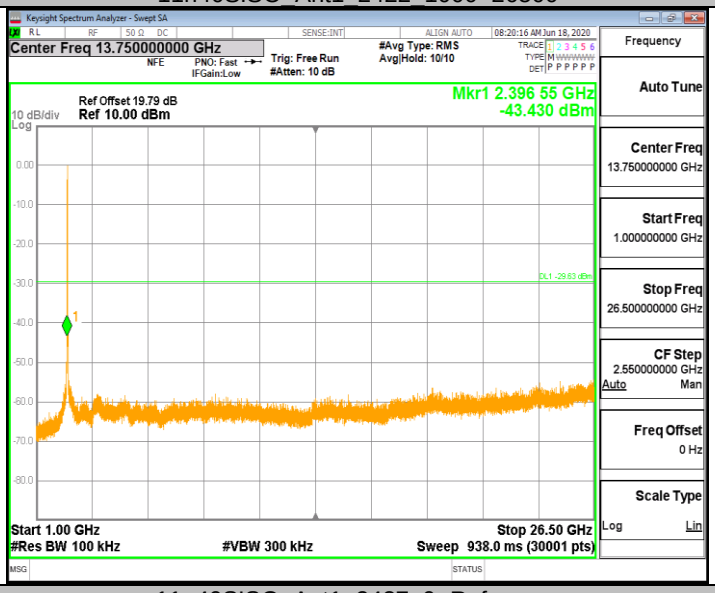

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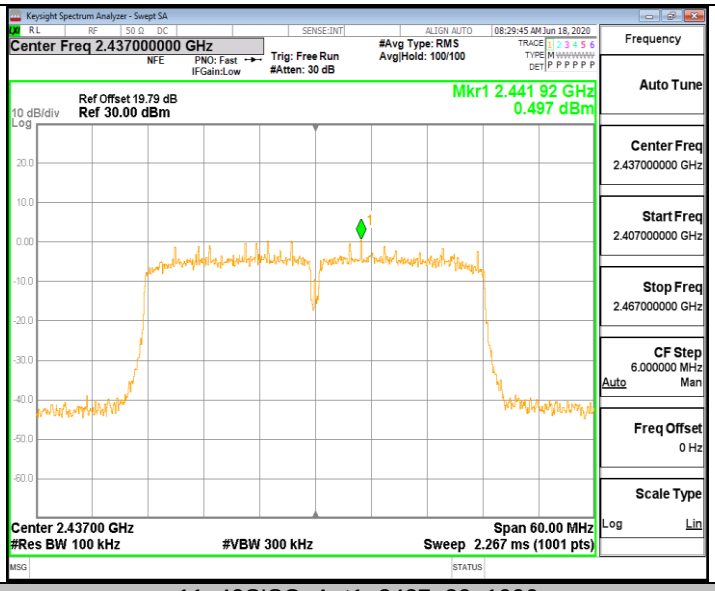

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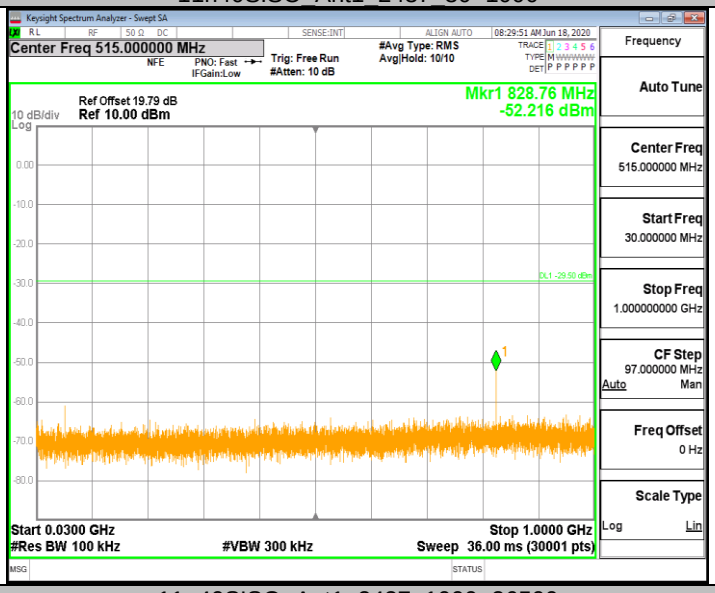

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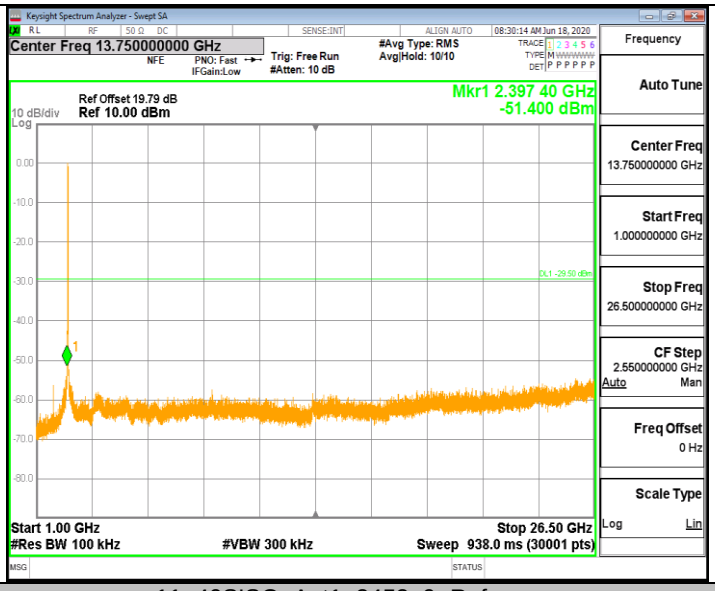

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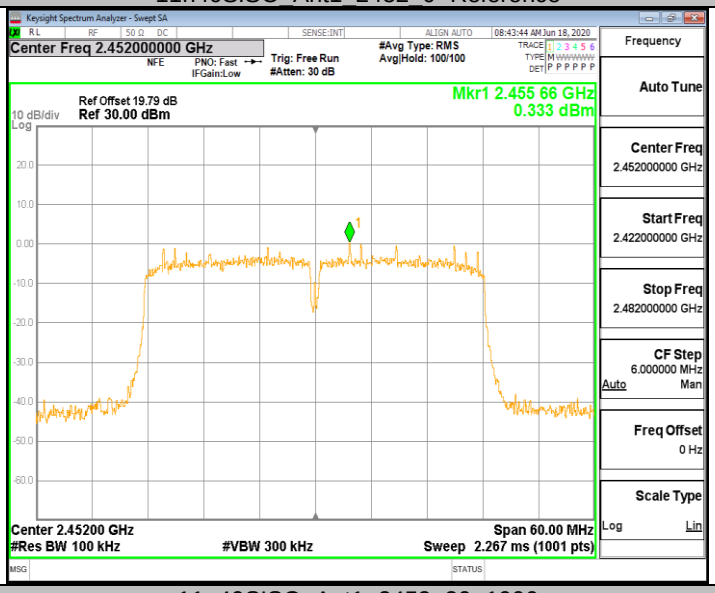

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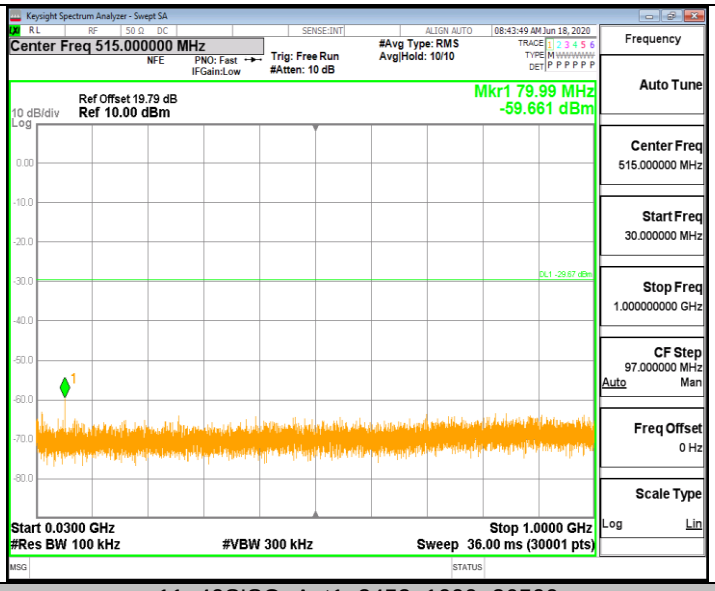

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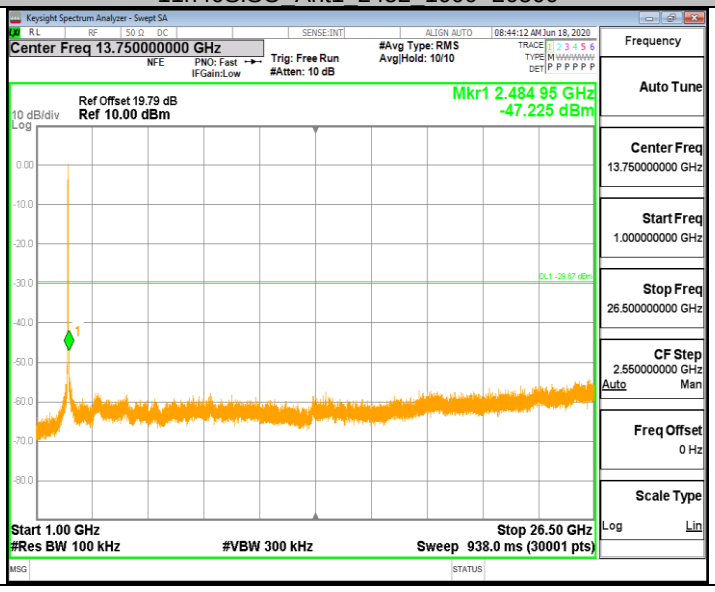

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10.7. Appendix G: Duty Cycle

10.7.1. Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (KHz)	Final setting For VBW (KHz)
11b	12.41	12.55	0.964	96.4	0.16	0.17	0.01
11g	2.062	2.194	0.940	94.0	0.27	0.28	0.5
11n HT20	1.918	2.051	0.935	93.5	0.29	0.30	0.5
11n HT40	0.941	1.073	0.877	92.7	0.57	0.58	1

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer, then the next higher value should be used.
For mode 11b, the duty cycle is greater than 98%, so it can set VBW to 10Hz.

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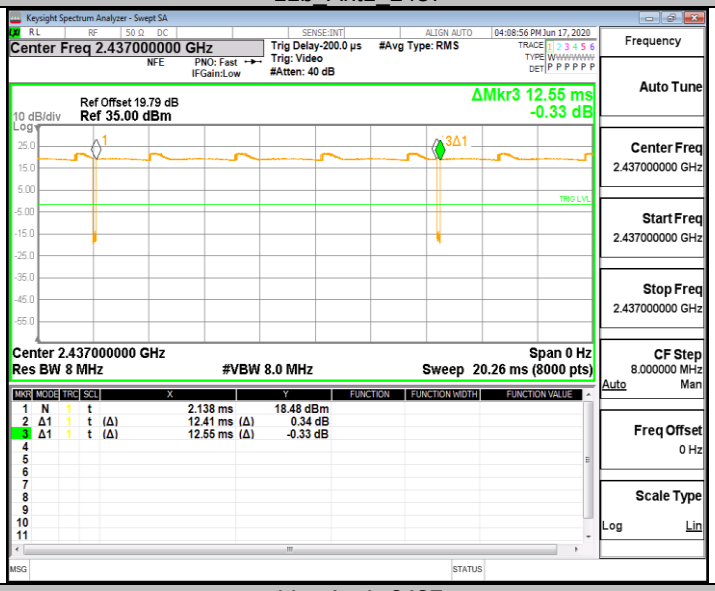
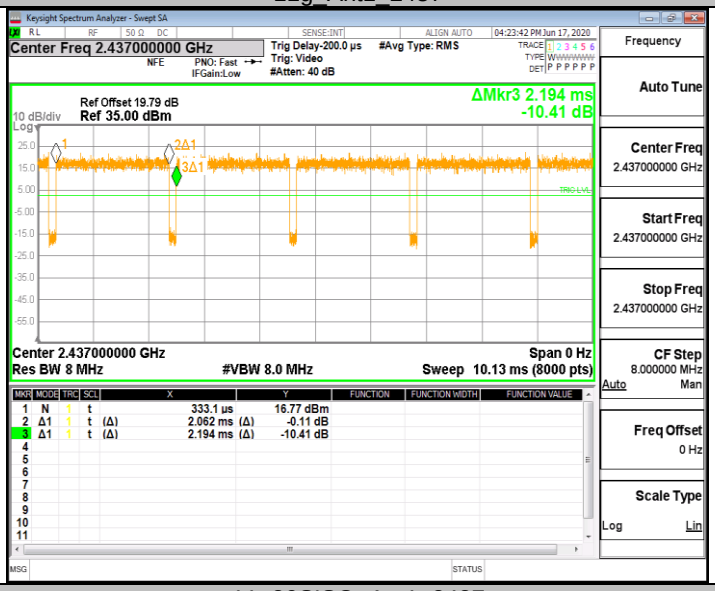
10.7.2. Test Graphs

11b_Ant1_2437



11g_Ant1_2437



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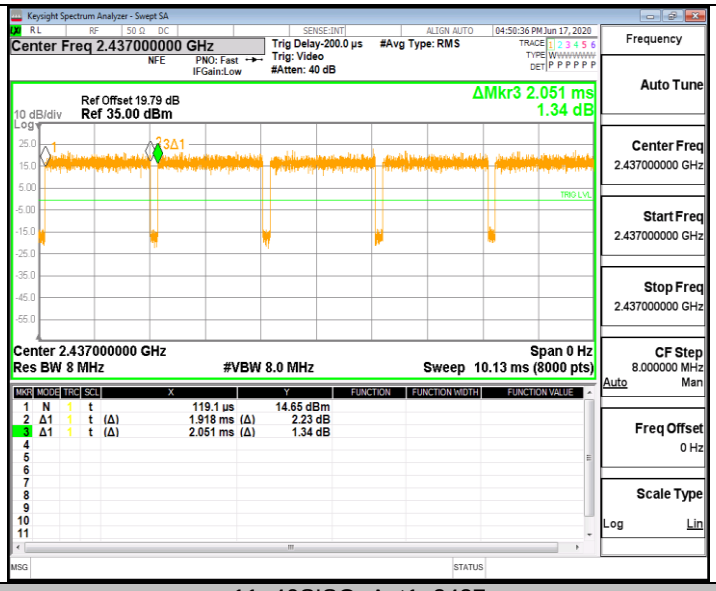

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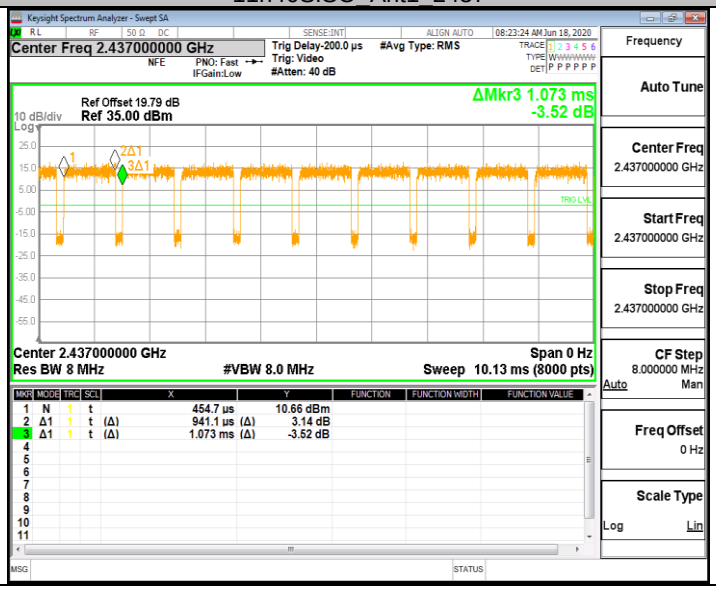

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